

Idaho Geospatial Council – Executive Committee

November 19, 2020 Meeting

Minutes

- September 17, 2020
- *Action: To be approved*

3DEP For The Nation

- Jason Stoker, USGS



Strategic Plan Refresh

- Mike Woodford, GIO





Idaho GIS Strategic Plan

Section 6

This Strategic Plan is approved by the ITA which supports its goals and the overall approach for development of Idaho's Spatial Data Infrastructure. **The Strategic Plan defines a long-term SDI vision and a foundation for action covering a five-year period, after which it must be reviewed and, if necessary, updated.** If deemed appropriate by the IGC-EC, an annual review may occur by the IGC to make minor adjustments to the plan.

Idaho
Geographic Information Systems (GIS)

State GIS Strategic Plan

Idaho Geospatial Council— Executive Committee
A subcommittee of the
IDAHO TECHNOLOGY AUTHORITY (ITA)

Approved by ITA: Effective December 6, 2016

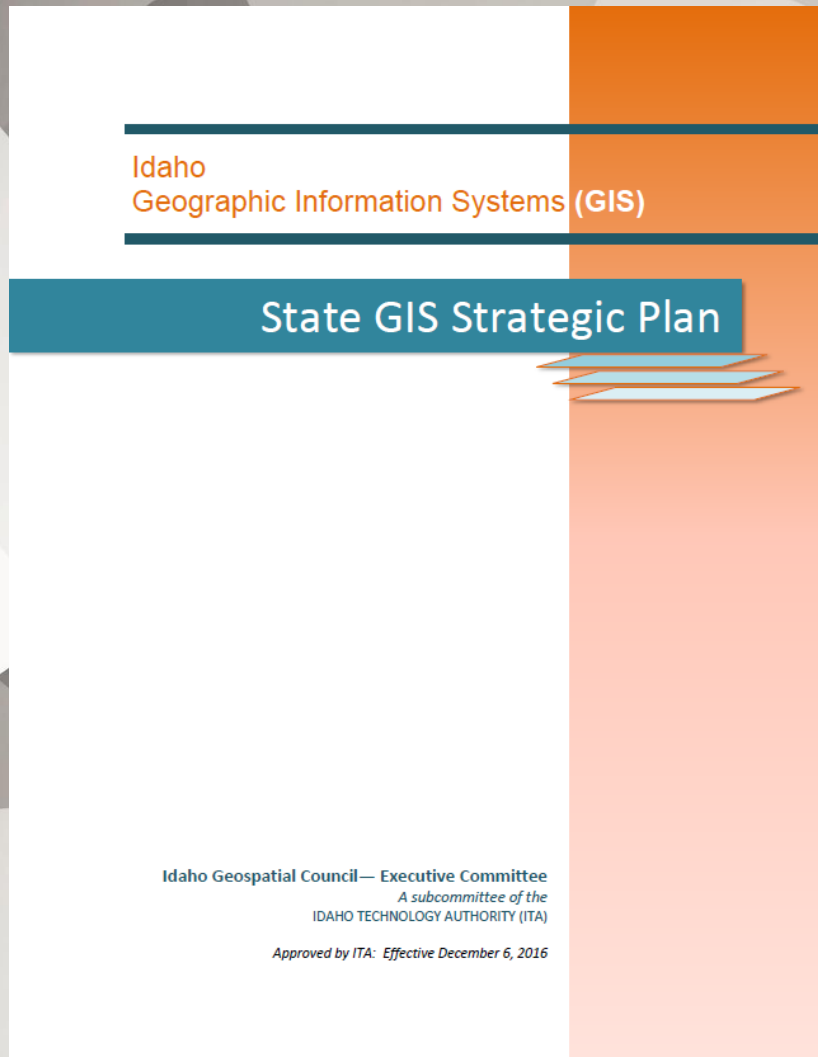
Our Current State GIS Strategic Plan

Updated/Approved - Dec 2016

Based on survey from 2015

Four Goals

1. Create/Support data clearinghouse
2. Provide best TIM layers
3. Improve geospatial data quality
4. Improve delivery & accessibility



Proposed

- ◆ Refresh/Rewrite the State GIS Strategic Plan to...
 - ◆ Define a governance organizational structure to include advisory functions for policy, technical standards, communications (unified messaging), and framework implementation
 - ◆ Define specific strategic goals and related measurable objectives around...
 - ◆ Increasing data stewardship and data accountability
 - ◆ Inclusive and collaborative governance
 - ◆ Empowering a geo-enabled State for place-based decision-making
 - ◆ The creation of an open, inclusive & collaborative environment across all levels of government in the State
 - ◆ More specifically define the role of the Office of the GIO for State GIS governance, management, stewardship, etc.
- ◆ Discover and Implement Ways to Support Sustainable Funding
- ◆ Recommend legislation for improving management and sharing of geospatial data in the State

A GIS Strategic Plan...

- ◆ ...references (and assumes the existence of) enterprise standards for governance, management, interoperability, and lifecycles of geospatial data in the state
- ◆ ...outlines the shared vision of the desired future state of GIS in Idaho and the proposed steps to get there, while considering the different maturity levels of public bodies in the State
- ◆ ...is a roadmap that identifies existing roadblocks & addresses specific checkpoints that ensure steady progress toward the desired destination
- ◆ ...explains organizational and operational frameworks that define responsibilities and accountabilities of all stakeholders in carrying out the work of the Strategic Plan
- ◆ ...is measurable in its implementation (delineates timelines and desired outcomes as indicators of success)

How? Who?

- ◆ The IGC-EC will take volunteers and/or propose members to be included in an inclusive committee to undertake the work of reviewing and drafting an updated GIS Strategic Plan
 - ◆ No more than 14 members to be represent State, City, and County governments, Tribal Nations, Academia, & Federal Gov't (optional). The numbers from each to be determined by the IGC-EC
 - ◆ The committee will elect a chair from among their membership
 - ◆ The committee will be accountable to the GIO and the IGC-EC
- ◆ Should research what other states and the Federal government have done with respect to GIS strategic plans/planning, including legislation enacted to support GIS management and sharing
- ◆ Do a “listening tour” across the state (virtually?) to garner feedback from GIS practitioners and users at all levels

When?

- ◆ The committee will propose a plan and timeline for their work researching and drafting the GIS Strategic Plan to be submitted to the GIO and the IGC-EC
 - ◆ The committee will provide updates and reports at each IGC-EC and IGC meeting
- ◆ The goal should be to have a final draft to propose by no later than 3rd quarter 2021, earlier if possible

Questions/Comments?



Federal Seat Nomination

- Nomination of Federal Seat
 - Nominee – Daniel Determan, NOAA Federal
- *Action: To be approved*
- *Next step: confirmed by ITA*



Strategic Plan Subcommittee Updates

- Goal #1 Update - Pam Bond, City of Boise





IGC-EC STRATEGIC PLAN GOAL #1

Subcommittee Update 11/19/20



GOAL:

Create/Support a robust geospatial clearinghouse for sharing current and historical TIM Framework and other authoritative layers.

Objective:

Seek and secure funding and staffing needed for an official TIM geospatial data clearinghouse

Strategy:

Have a designated clearinghouse administrator who can reach out and support TIM/Authoritative data stewards, review datasets and documentation and help keep them current, and maintain the clearinghouse website; acquire and maintain dedicated funding for this position.

Current Discussion:

- Funding for INSIDE development & maintenance
- Esri Open Data Webinar
- Summary of Work
- Recommendations for GIS Strategic Plan Revision

Strategic Plan Subcommittee Updates

- Goal #3 Update - Sydney Lewis, ITD



Goal 3 Subcommittee

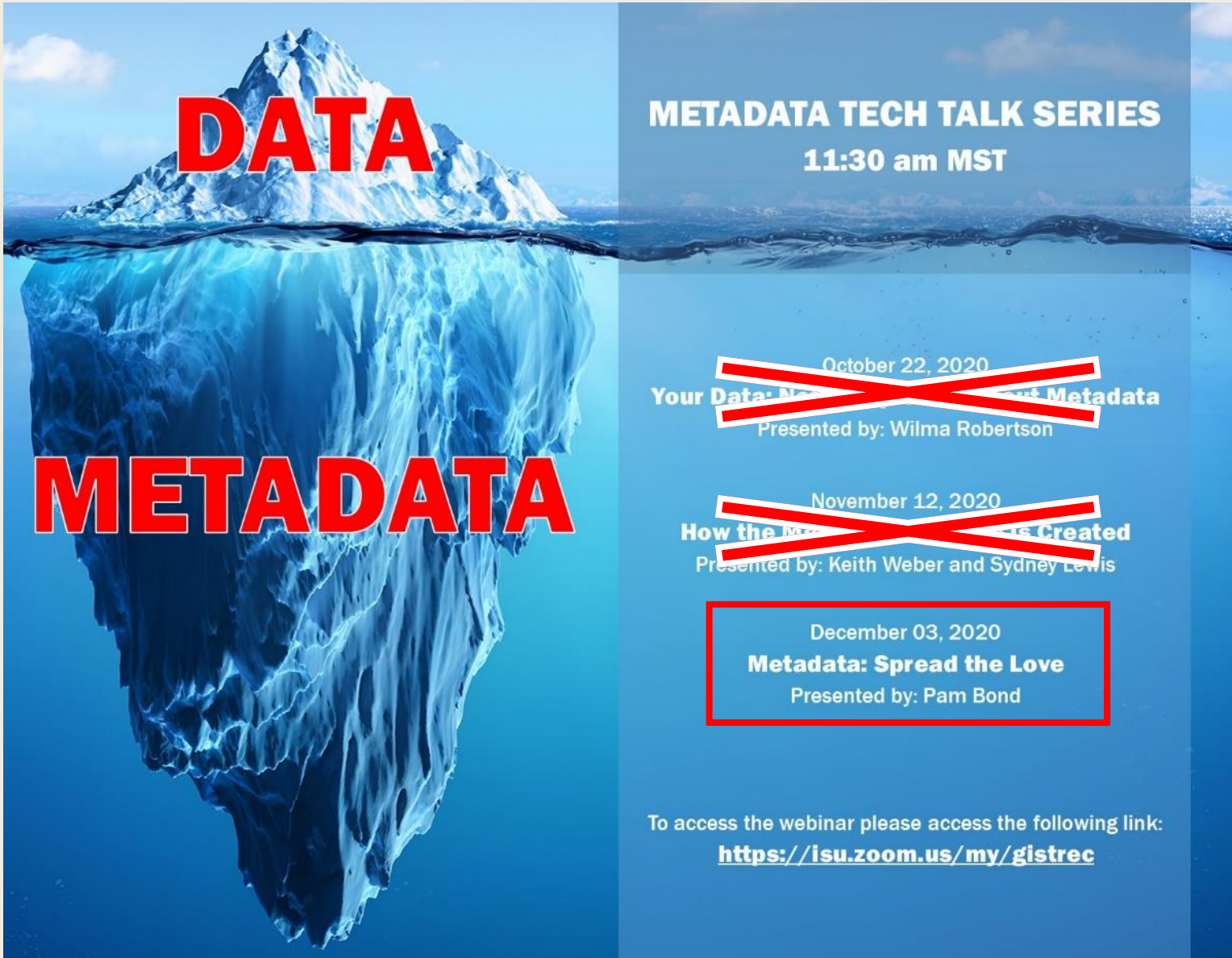
GOAL 3: Improve geospatial data quality.

Objective: Improve the quality and currentness of publicly available GIS data through education and have data stewards publish their geospatial data as Open Geospatial Consortium (OGC) services (WMS, WFS, WCS, etc.).

Strategy: Increase education on and encouragement to follow State GIS policies and standards; education on proper metadata; education on transition to web services.

- Education and encouragement to follow State GIS Policies and Standards
- Education on proper metadata
- Education on the transition to web services

Tech Talk Series

An iceberg floating in blue water. The tip of the iceberg, which is above the water line, is labeled with the word "DATA" in large, bold, red capital letters. The much larger, submerged part of the iceberg is labeled with the word "METADATA" in large, bold, red capital letters. This visual metaphor illustrates that metadata is the much larger, less visible foundation of data.

DATA

METADATA

METADATA TECH TALK SERIES
11:30 am MST

~~October 22, 2020~~
~~**Your Data: No More, No Less - All About Metadata**~~
~~Presented by: Wilma Robertson~~

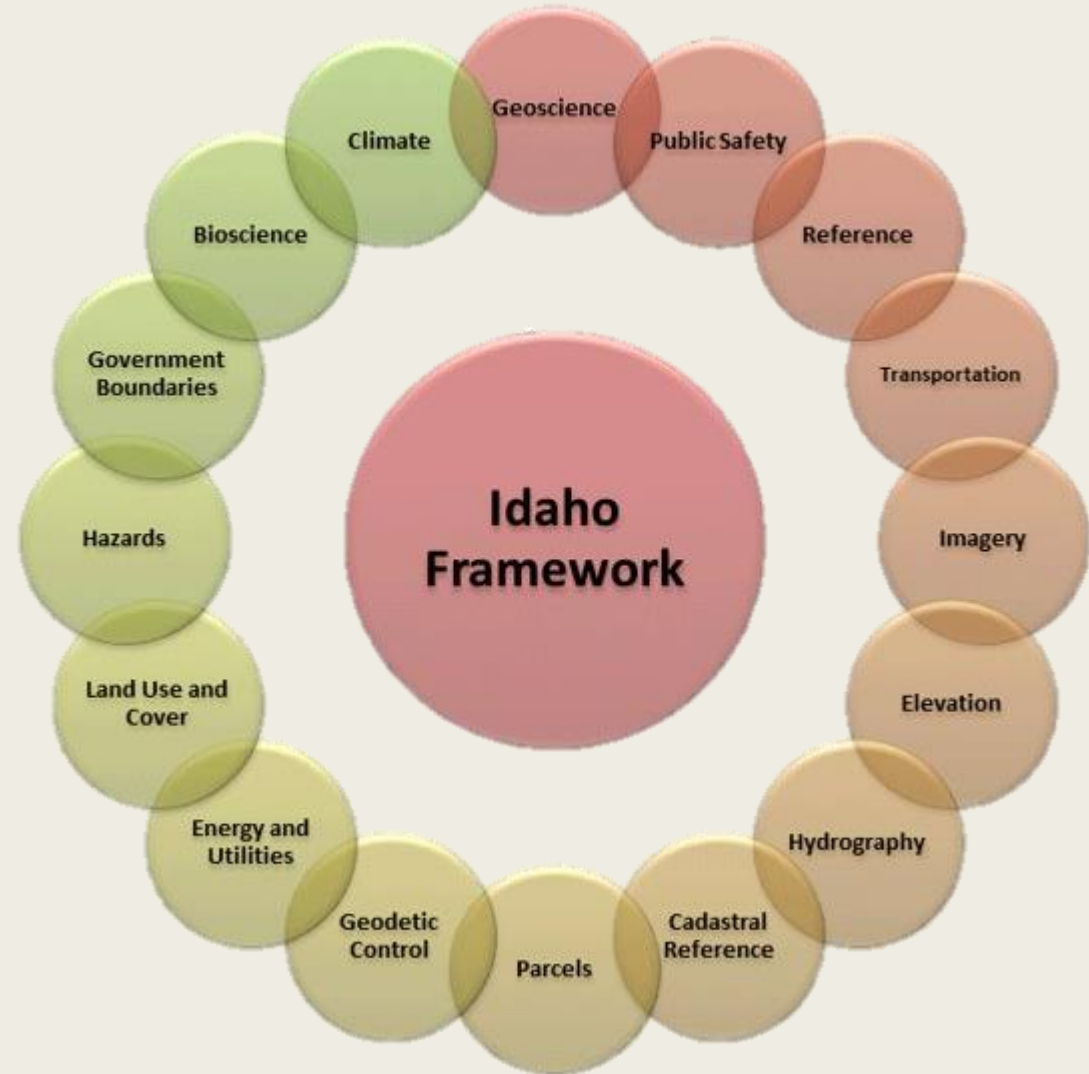
~~November 12, 2020~~
~~**How the Metadata is Created**~~
~~Presented by: Keith Weber and Sydney Lewis~~

December 03, 2020
Metadata: Spread the Love
Presented by: Pam Bond

To access the webinar please access the following link:
<https://isu.zoom.us/my/gistrec>

Goal 3 Moving Forward

- Post tech talk Survey
 - *Will include recordings from tech talks and a small survey*
- Possibility of future training
- Recommendations to IGC-EC
- Possible new subcommittee
 - *Assessment of statewide use of hardware needs*



Strategic Plan Subcommittee Updates

- Goal #4 Update - Kevin Jones, Tax Commission



Goal 4 GIS Sub Committee

Support collaboration and data sharing

What we have done!

~Support collaboration and data sharing

- ▶ 1st part of mission statement:
 - ▶ Support Collaboration:
 - ▶ Sent out an editable Google Doc via the GeoTech mailing listserv that can be edited by anybody who has received that email.
- ▶ 2nd part of mission statement:
 - ▶ Data Sharing---
 - ▶ Gathered a list of agencies and what data they have available.

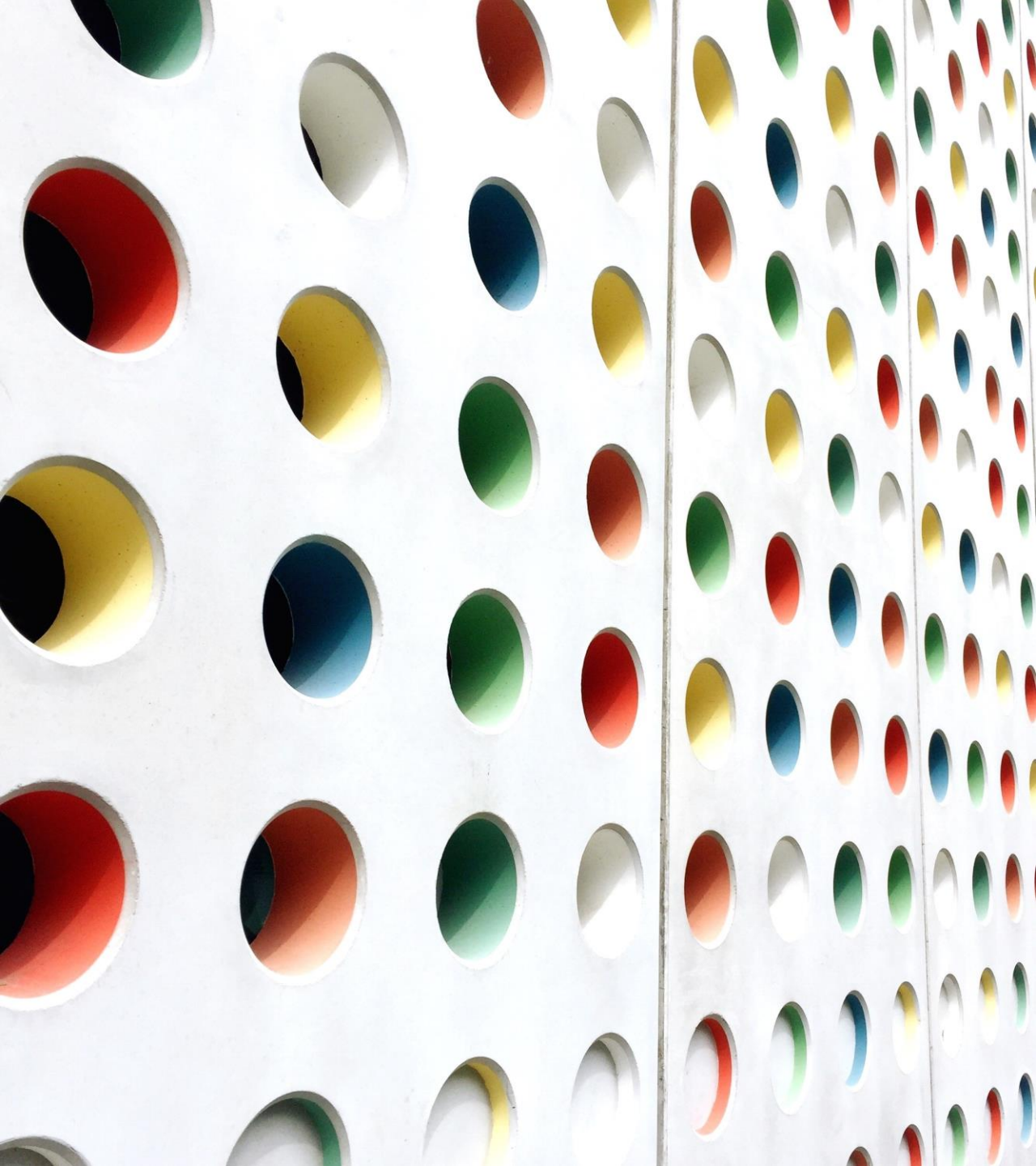
Where we go!

- ▶ Group data into tiers based on data sensitivity.
- ▶ Document benefits of data use and reasons to share or not to share data.
- ▶ Collaborate with other sub committee groups.
- ▶ Present findings to IGC-EC via document(*~waiting on group members to contribute to that document*).
- ▶ Sunset Group 4.

Strategic Plan Subcommittee Updates

- TIM Nomination Simplification - Mike Woodford, GIO





Simplification

DATA STANDARD & TIM DATA
NOMINATION PROCESSES

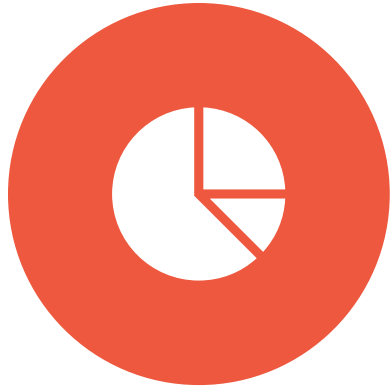
Simplification TWG

Driver: Very small number of standards and TIM datasets submitted/approved in last 10 years.
We can do better

Working Group Members:

- Margie Wilkins – IDWR
- Laurie Ames – Nez Perce Tribe
- Wilma Robertson – ITS/IGC-EC Chair
- Michael Woodford – ITS/GIO

Simplification Outcomes



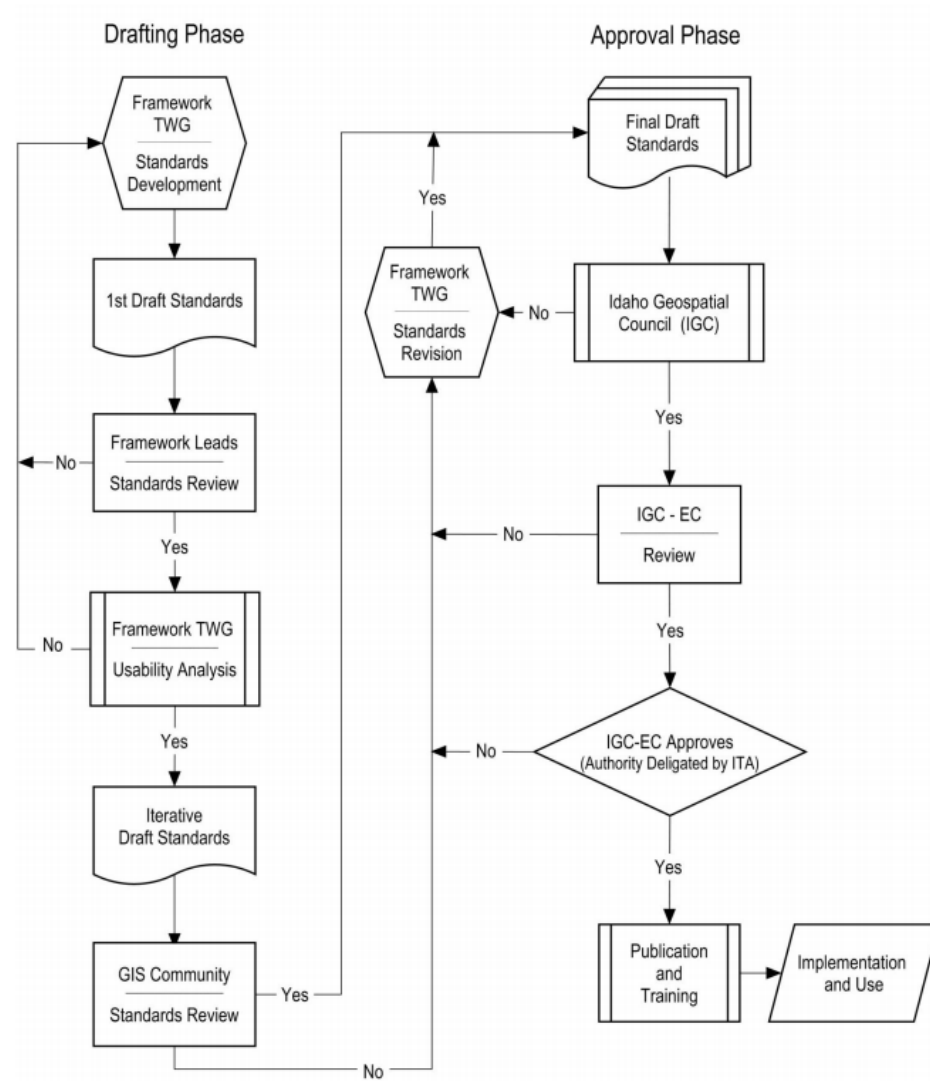
SIMPLIFY THE PROCESS OF GETTING A
NEW DATA STANDARD APPROVED



SIMPLIFY THE PROCESS OF
SUBMITTING A DATA NOMINATION



REDUCE THE TIME TO GET A TIM DATA
NOMINATION & DATA STANDARD
APPROVED

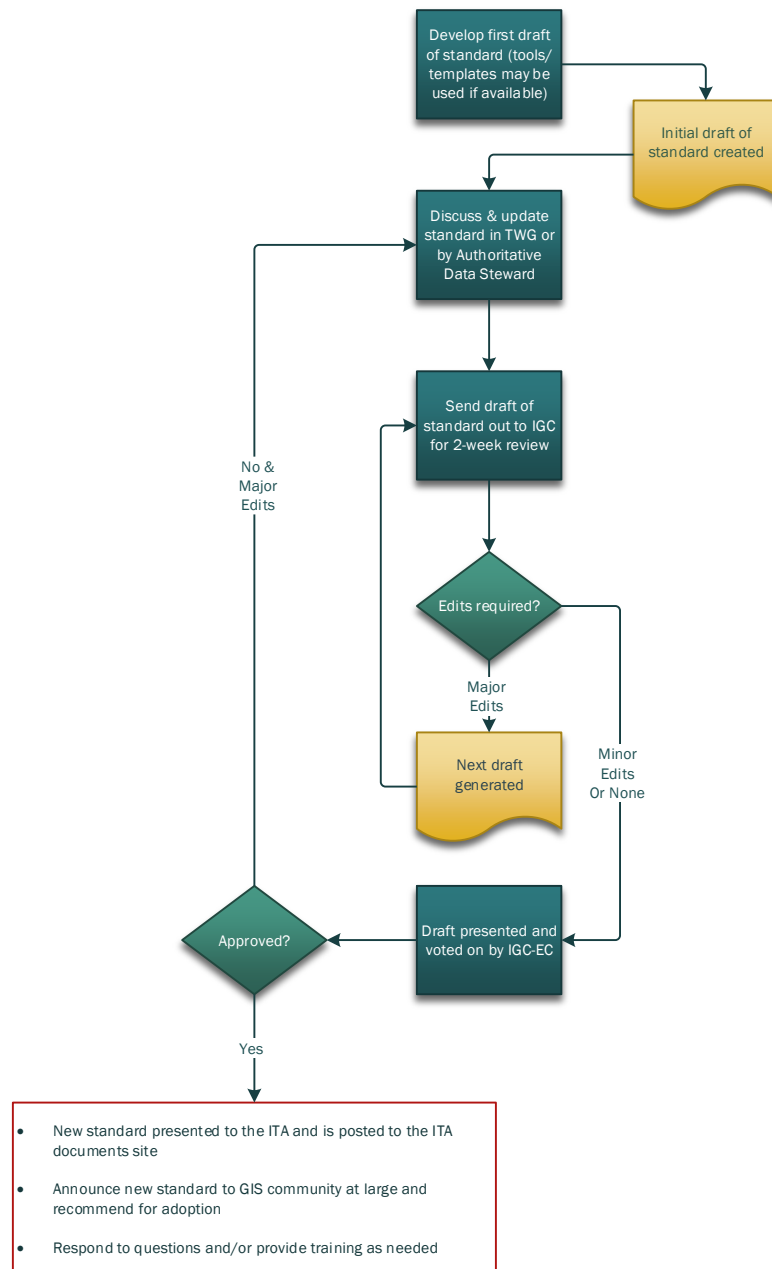


Framework Standard Development Policy ITA-P5030


OLD

Framework Standard Development Policy ITA-P5030

NEW



Automation to Draft Standards Doc



Draft Standards Survey

Survey collects components of the Standard survey to help create the first draft of complete standard

ArcGIS Survey123

TIM Authoritative Dataset Standard

Date:

Tuesday, November 17, 2020

Person Submitting:

Entity:

State Department of Organization

Email:

1.0 Introduction to the Standard

2.0 Body of the Standard

3.0 Data Characteristics

ArcGIS Survey123

TIM Authoritative Dataset Standard

1.5 Standard Development Process

Please list any TWG or Federal working groups and how the standard was developed. See other standards for examples.

1.6 Maintenance of the Standard

This standard will be revised as needed and in accordance with the ITRMC Framework Standards Development Policy (P5030). Or if Federal or State requires update interval select below.

As Needed

Yearly

Bi-Annually

Other Interval

2.0 Body of the Standard

3.0 Data Characteristics

Output of Draft Standards Doc

Draft Standards Survey

10/29/20 - 11/17/20

Filter

Report

Export

Report

?

×

1. Choose records to include

☒ Selected records only (0)



☐ All records in the table (1)

No records selected in the table or map

2. Select a template

[Manage templates](#)

SXXX__Data_Standard_Survey123_Template.docx



STATE OF IDAHO

\${StandardName}

Part of the <Fill in the Blank> Theme

Version 1

Effective <Fill in the date>

Developed by the <Fill in the Blank> Technical Working Group

Revision History

Established by

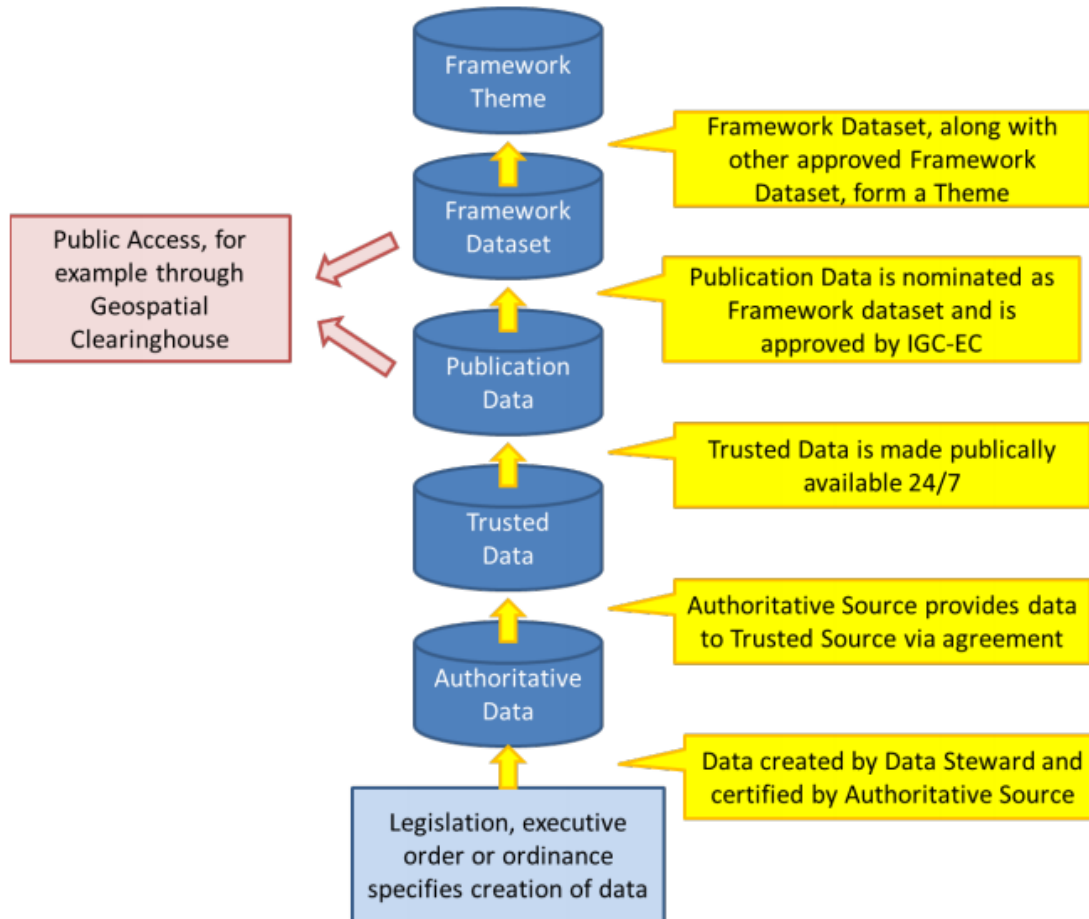
Contact

\${Submitter}

\${Entity}

\${Email}

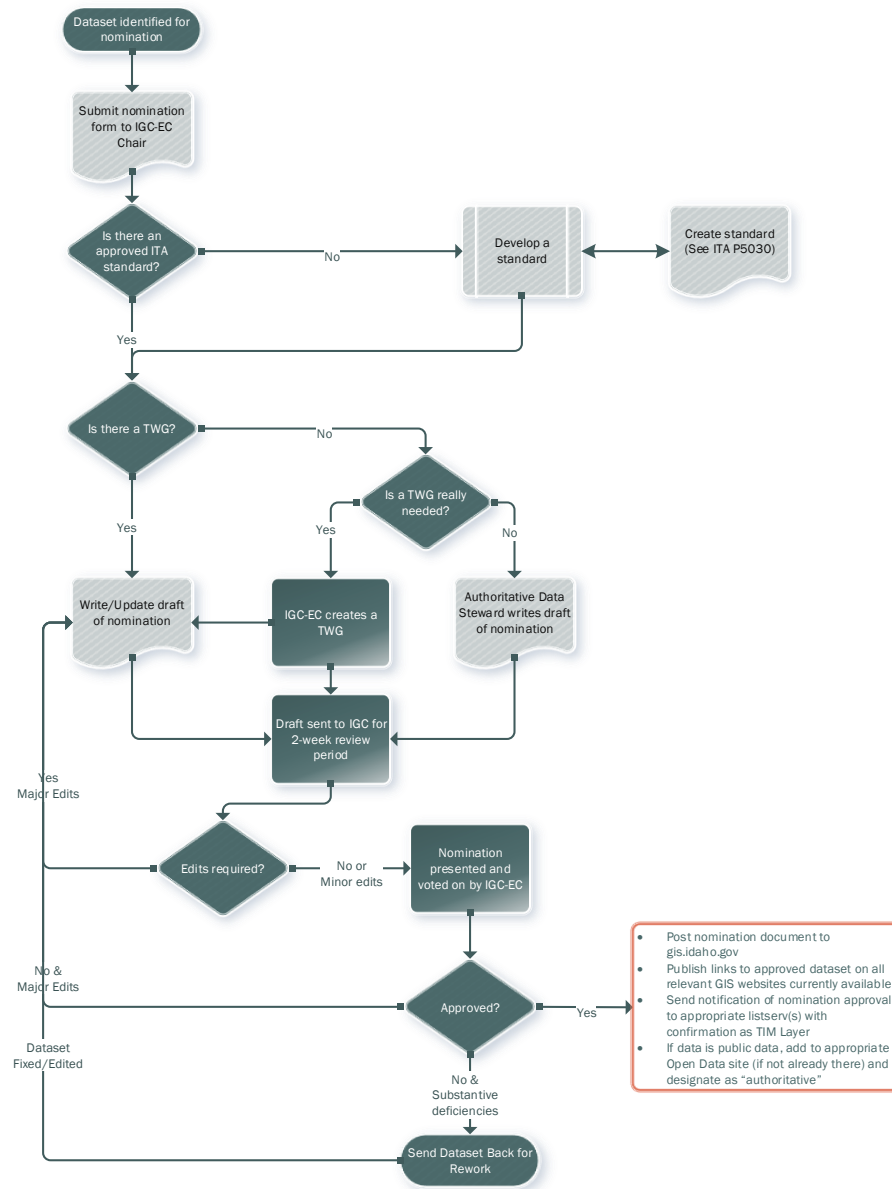
Methodology for Recognizing a TIM Framework Dataset ITA-G350



OLD

Methodology for Recognizing a TIM Framework Dataset ITA-G350

NEW



Next Steps

1. Drafts of the proposed changes for both P5030 and G350 already sent to IGC-EC members and to the Geotech listserv
2. GIS community to review and provide questions/responses over next 2 weeks after this meeting and due by Dec 3, 2020
3. The Simplification working group will review all comments, suggestions, questions, etc. and determine if any major changes need to be made and updates put out for further review...or not
4. Assuming no major changes, the proposed changes will be an action item for the IGC-EC meeting in Jan 2021

Elevation TWG Update

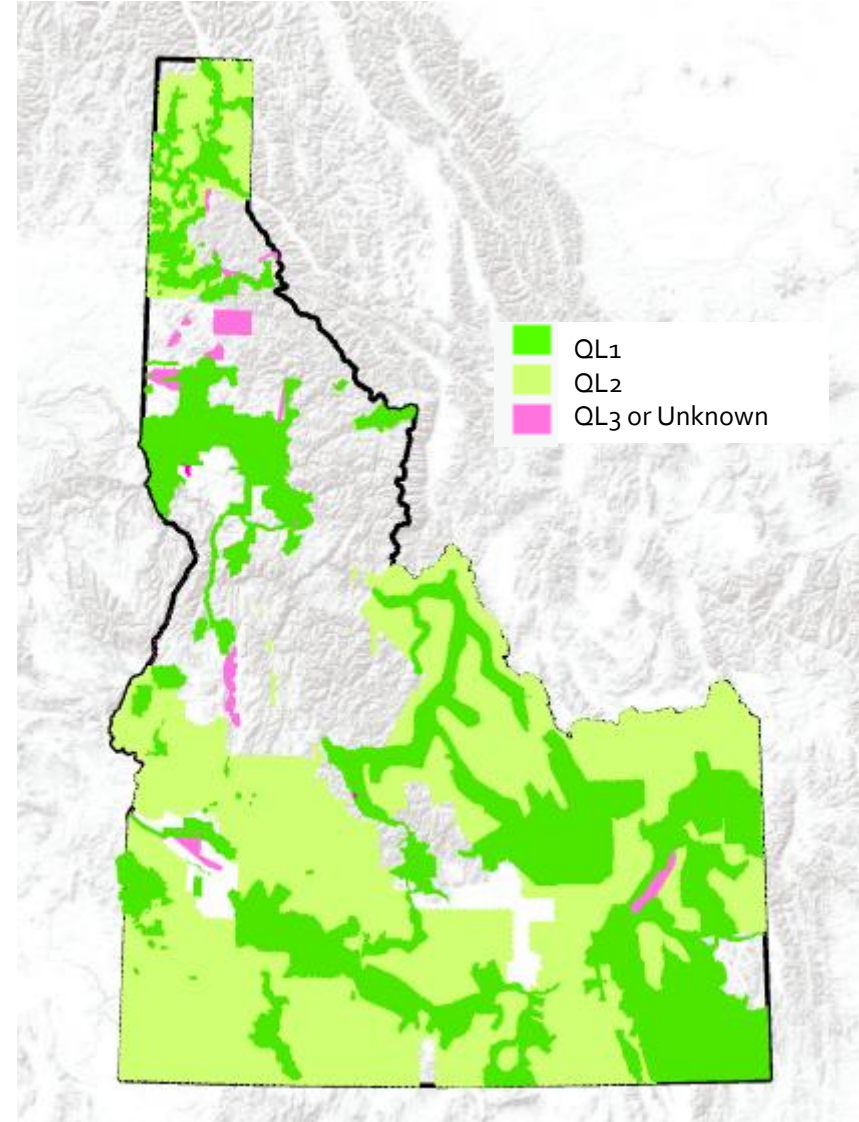
- Josh Enterkine, Boise State University
- joshenterkine@boisestate.edu



Idaho Lidar Coverage Status

Total State Coverage
(all years, no overlap):
60,783 sq mi, **73% +**

- QL1: 24,636 sq mi, 30%
- QL2: 35,152 sq mi, 42%



Upcoming Elevation- TWG Meeting

- Late November or Early December
- Jan/Feb/Mar presentations from lidar community!



Parcels TWG Update

- Betty Conces, Kootenai County

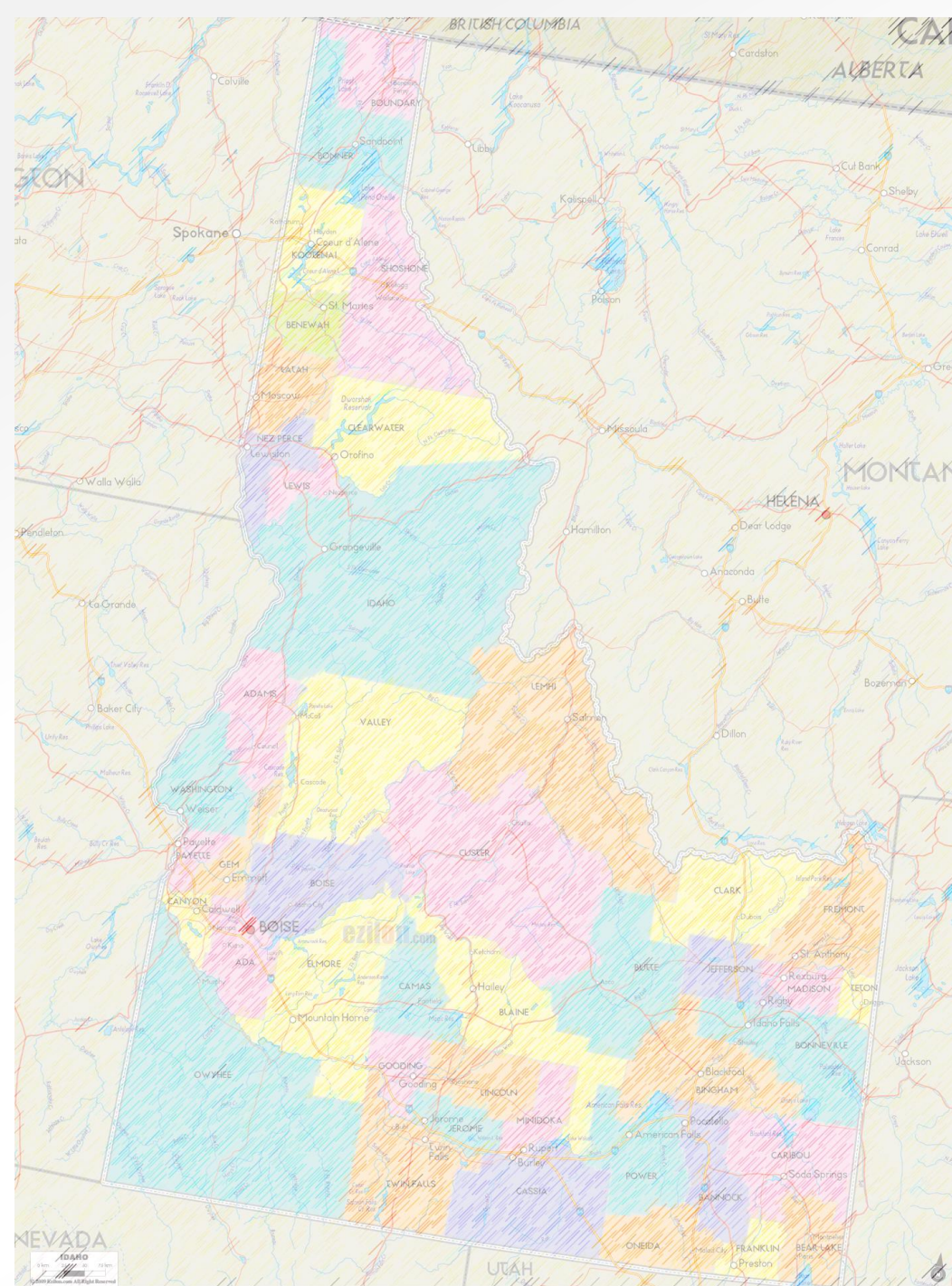


Parcel Technical Working Group

As of Monday, Nov 16th we've had 33 respondents.

If you haven't done so, please fill out the survey for us. We've gotten some very good information so far and to build on that we need your help!

Next Meeting:
Thursday, December 3, 2020 @
9 a.m.PST/10 a.m. MST



Public Safety TWG Update

- Bill Reynolds, Nez Perce County



Geodetic TWG Update

- Keith Weber, Idaho State University

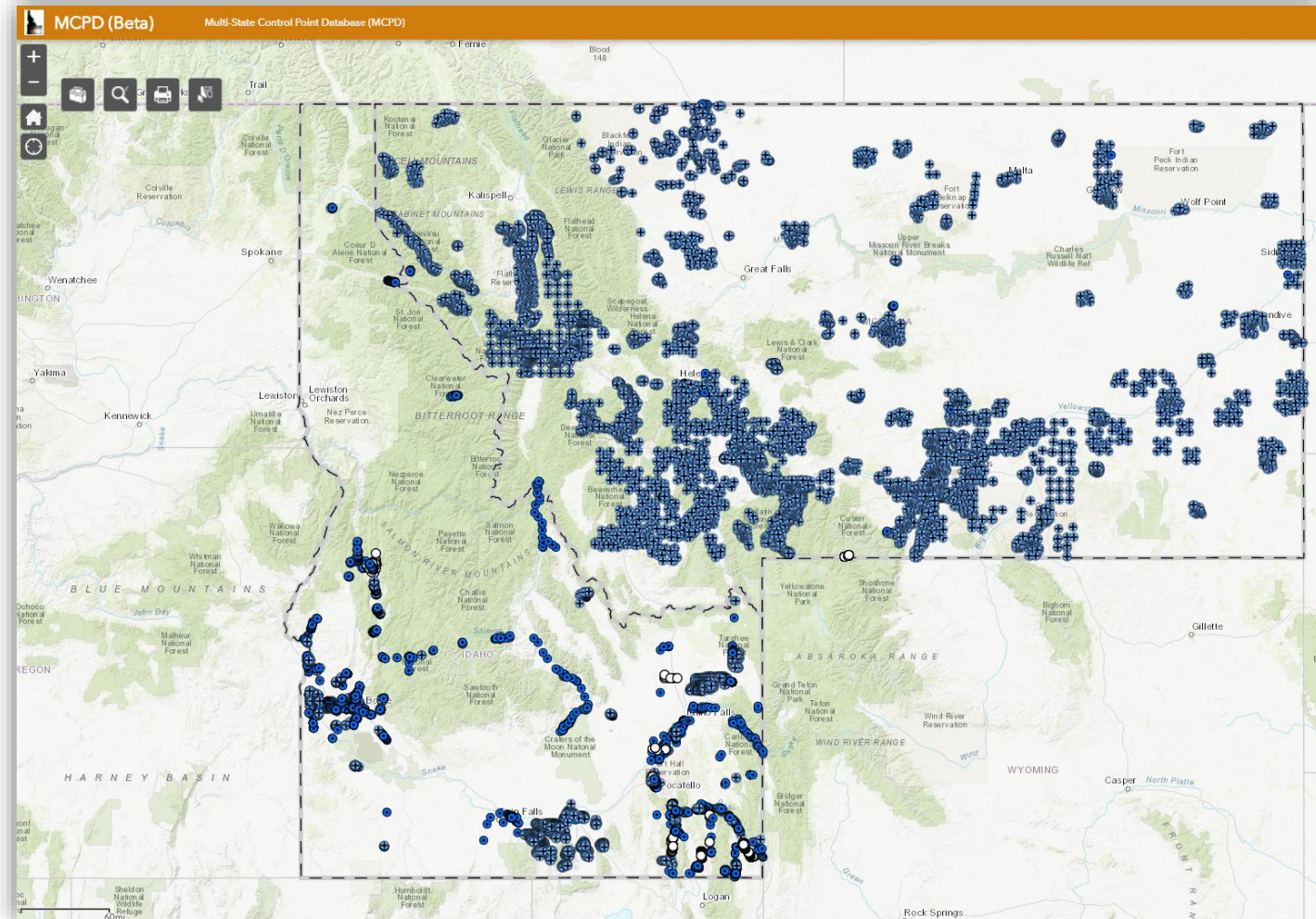




Idaho State
University

Multi-State Control Point Database

- Over 20,000 MCPD points
- Each submitted by PLS
- Available as web map app
- Or REST end-point



Transportation TWG Update

- Sydney Lewis, ITD



Transportation TWG

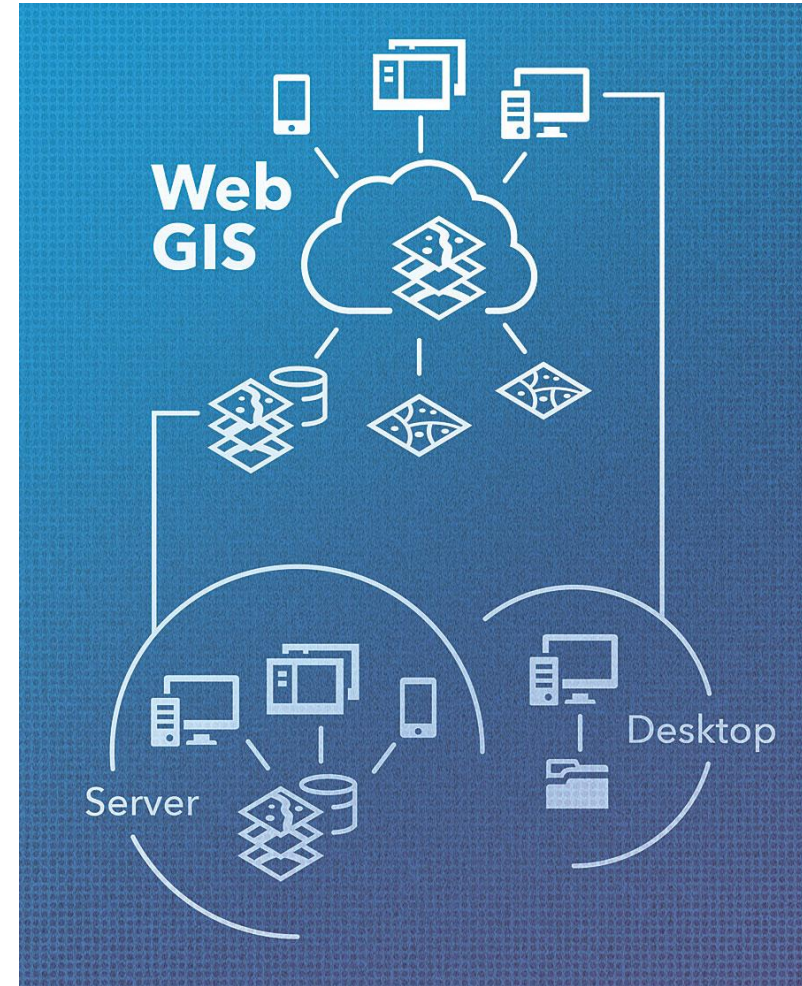


YOUR *Safety* • • • ► YOUR *Mobility* • • • ► YOUR *Economic Opportunity*



System of Engagement

- Multi year initiative (3 years)
- Complete so far:
 - Information Gathering
 - Application Prioritization
 - Data Standards
 - Architecture Meeting
 - 1st Round App Development
 - Including build out of necessary Portal environment (dev/test/prod) and data warehouse



Applications

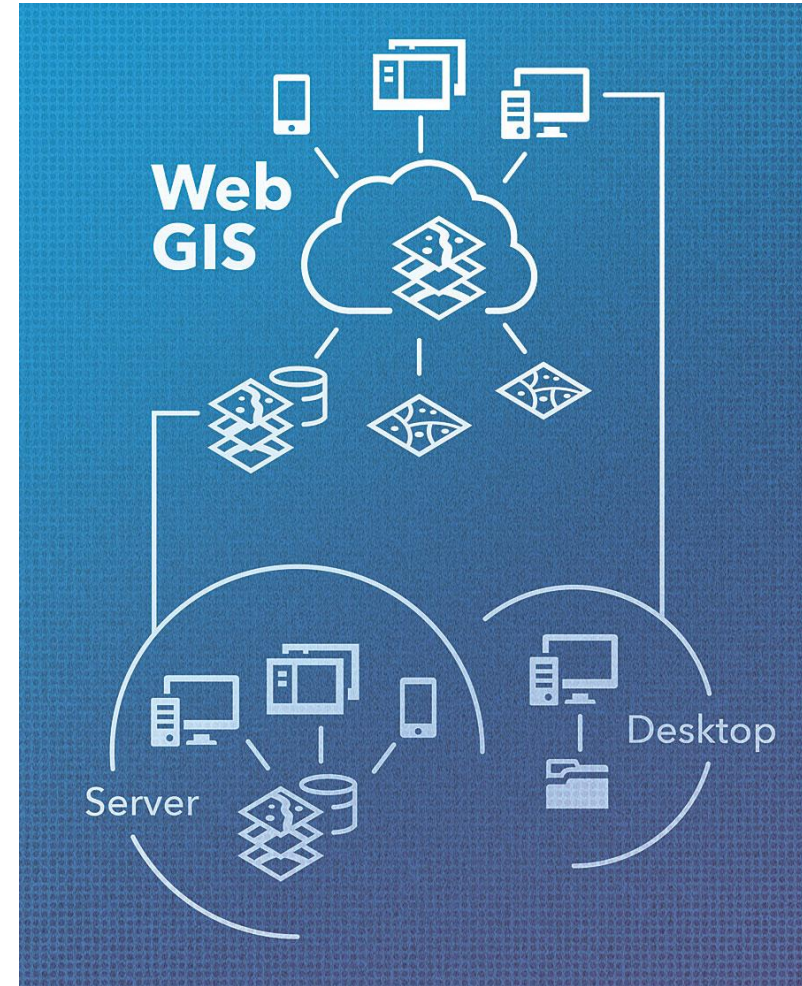
- New architecture
 - Data warehouse, Portal, etc (Test, Dev, Prod)
- First Round of Application
 - In Test!!!!
- Prep for second Round App Development

App #	Application Name	Progress
8	Winter Ops Dashboard	Testing
64	Bridge Classification App	Testing
82	Rest Area Ops Mgmt Suite	Testing
24	Vegetation Management Viewer	Development
67	Airstrip Information App	Development
68	Obstruction Evaluation App	Development
69	Part 77 Airspace Information App	Development
12	Speed Zones Change Process App	Development
20	Road Patrol Asset Suite	Planning
NEW	Historical Summaries Viewer/ Non-MCE Roadway Calculations	Planning



Next Steps

- Application configuration
 - 2 week cycles
- Application Testing
- Formation of teams for next Application Cycle
- Change Management
 - Hardware, Security, Buy in
- Sharing of Authoritative Transportation Data



Next Meeting

January 11th, 2021

10:00 AM to 11:30 AM (MST)

Virtual (invites coming soon)



Questions

**For any questions, comments, or
concerns please contact:**

sydney.lewis@itd.idaho.gov
208-514-5940



Other Business...

- Other updates, questions, or comments?



Adjourn

- Next Meeting:
January 21 @ 9:30 am MST



Office of the Governor
IT LEADERSHIP COUNCIL